

LIST OF INFORMATION OBTAINED BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.

92/F 253D2

SERIAL NO.

09/488,037

APPLICANT

WINTER ET AL

FILING DATE

12/2/97

GROUP

1621

RECEIVED

MAY 04 2000

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|------------------|----|-----------------|---------|----------------|-------|----------|-------------|
| | BA | 4,769,510 | 9/6/88 | KAMINSKY ET AL | 585 | 512 | |
| | BB | 4,892,851 | 1/9/90 | EWEN ET AL | 502 | 104 | |
| | BC | 4,931,417 | 6/5/90 | MIYA ET AL | 502 | 117 | |
| | BD | 5,087,677 | 2/11/92 | BREKNER ET AL | 526 | 160 | |
| | BE | 5,103,030 | 4/7/92 | ROHRMANN ET AL | 556 | 12 | |
| | BF | 5,243,001 | 9/7/93 | WINTER ET AL | 526 | 127 | |
| | BG | 5,276,208 | 1/4/94 | WINTER ET AL | 556 | 53 | |
| | BH | 5,296,434 | 3/22/94 | KARL ET AL | 502 | 117 | |
| | BI | 5,324,800 | 6/28/94 | WELBORN, JR. | 526 | 160 | |
| | BJ | 5,329,033 | 7/12/94 | SPALECK ET AL | 556 | 53 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|-----------------|----------|---------|-------|----------|-----------------------|
| | BQ | 0 129 368 | 12/27/84 | EPO | | | SEE BJ |
| | BR | 0 185 918 | 7/19/85 | EPO | | | SEE BA |
| | BS | 0 316 155 | 5/19/89 | EPO | | | SEE BC |
| | BT | 0 320 762 | 6/19/89 | EPO | | | SEE BE |
| | BU | 0 336 128 | 10/19/89 | EPO | | | |
| | BV | 0 344 887 | 12/19/89 | EPO | | | x |

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------------|------------------------|--|
| | BW | BULLETIN DE LA SOCIETE CHIMIQUE DE FRANCE, "Etude de monomeres halogenes et de leur polymerisation cationique", No. 11, PP. 3092-3095, (1973) |
| | BX | J. ORG. CHEM., "Friedel-Crafts Reactions of Ethyl Cyclopropanecarboxylate", Vol. 46, pp. 3758-3760 (1981) |
| | BY | Soga, K. et al., MACROMOLECULES, "Perfect Conversion of Aspecific Sites into Isopecific Sites in Ziegler-Natta Catalysts", Vol. 22, pp. 3824-3826 (1989) |
| | BZ | J. ORG. CHEM., "Friedel-Crafts Chemistry. A Mechanistic Study of the Reaction of 3-Chloro-4'-fluoro-2-methylpropiophenone with $AlCl_3$ and $AlCl_3-CH_3NO_2$ ", Vol. 43, No. 16, pp. 3126-3131 (1978) |
| EXAMINER | Javier Nazari Gonzales | |
| DATE CONSIDERED | 6/1/00 | |

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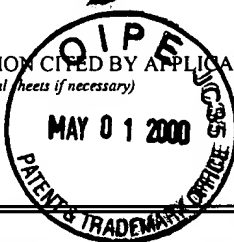
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|---------|---------------|-------|----------|-------------------------------|
| | CA | 5,514,760 | 5/7/96 | KARL ET AL | 526 | 127 | |
| | CB | 5,561,093 | 10/1/96 | FUJITA ET AL | 502 | 117 | |
| | CD | 5,661,096 | 8/97 | WINTER ET AL. | 502 | 103 | |
| | CE | 5,672,668 | 9/97 | WINTER ET AL. | | | |
| | CE | | | | | | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO | |
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| | CQ | 0 351 392 | 1/1990 | EPO | | | SEE CB | |
| | CR | 0 355 289 | 2/1990 | EPO | | | | |
| | CS | 0 366 290 | 5/1990 | EPO | | | X | |
| | CT | 0 407 870 | 1/1991 | EPO | | | X | |
| | CU | 0 426 643 | 5/1991 | EPO | | | X | |

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

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|----------|----|--|---|
| | CW | | Spaleck et al., NEW J. CHEM., "Stereorigid Metallocenes: Correlations Between Structure and Behaviour in Homopolymerizations of Propylene", Vol. 14, pp. 499-503 (1990) |
| | CX | | Röll, V.W., et al., ANGEW. CHEM., "Stereo- und Regioselektivitat von chiralen, alkylsubstituierten ansa-Zirconocen-Katalysatoren bei der Methylalumoxan-aktivierten Propen-Polymerization", Vol. 102, No. 3, pp. 339-341 (1990) |
| | CY | | Piccolioavazzi, N. et al., ORGANOMETALLICS, "Electronic Effects in Homogeneous Indenylzirconium Ziegler-Natta Catalysts", Vol. 9, pp. 3098-3105 (1990) |
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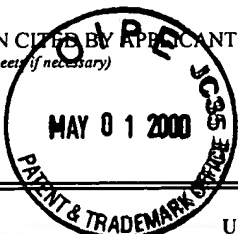
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| | AA | | | | | | |
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| | DQ | 0 433 990 | 6/1991 | EPO | — | — | X |
| | DR | 442 725 | 8/1991 | EPO | — | — | X |
| | DS | 0 485 821 | 5/1992 | EPO | — | — | SEE BG |
| | | | | | | | |
| | DT | 0 500 005 | 8/1992 | EPO | — | — | X |
| | DU | 0 529 908 | 3/1993 | EPO | — | — | SEE BB |

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| | | |
|-----------------|--------|---|
| | DV | Miyamota, T.K., et al., CHEMISTRY LETTERS, The Chemical Society of Japan, "A Bulky Ligand and its Organometallic Compound: Synthesis of Heptamethylidene and a Ferrocene-Type Complex, $Fe(\eta^5-C_7Me_7)_2$ ", pp. 729-730 (1981) |
| | DW | Esperas, S., ACTA CHEMICA SCANDINAVICA, "The Crystal and Molecular Structure of Cyano(methylisocyanide)gold(I)", A 30, No. 7, pp. 527-530 (1976) |
| | DX | ADCOCK ET AL., Austr. J. Chem., Vol. 29, "Substituent Effects by ^{19}F Nuclear Magnetic Resonance: Polar and π -Electron Effects", pp. 2571-2581 |
| | DY | MARECHAL ET AL., Bull. Soc. Chim. Fr. 6, "Homopolymerisation cationique des dimethyl-4,7, dimethyl-4,6 et dimethyl-5,6 indenés", No. 348, pp. 1981-2039, (1969) |
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| | AA | | | | | | |
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| | EQ | 37 26 067 | 2/16/89 | GERMANY | | | SEE BC |
| | ER | 4 035 886 | 11/12/90 | GERMANY | | | SEE BG |
| | ES | 4 128 238 | 8/26/91 | GERMANY | | | SEE BJ |
| | AS4 | | | | | | |

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

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|--|----|---|
| | EV | CRIEGEE ET AL., <u>Chem. Ber.</u> , Vol. 94, "Uber den Nickelkomplex $C_{18}H_{22}Ni$ und den daraus gewonnenen Kohlenwasserstoff $C_{13}H_{18}$ ", pp. 3461-3468 (1964) |
| | EW | HART ET AL., NOTES, <u>J. Am. Chem. Soc.</u> , Vol. 72, "Acylation-Alkylation Studies", pp. 3286-3287 (1950) |
| | EX | Katz, Thomas J., <u>J. Am. Chem. Soc.</u> , "Asymmetric Synthesis of Helical Metallocenes", Vol. 108, 1986, pp. 179-181 |
| | EY | Ewen, J.A., et al, <u>J. Am. Chem. Soc.</u> , "Crystal Structures and Sterospecific Propylene Polymerizations with Chiral Hafnium Metallocene Catalysts, Vol. 109, 1987, pp. 6544-6545. |
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